

BCDZ / BCEZ

Building Information Modelling (BIM) Basic Modelling Course (Civil) – Civil 3D

建築信息模擬基礎課程 (土木工程) – Civil 3D



Learning and understanding the Civil 3D interface; Basic Operation; Create Parcel; Survey; Surface creation; Roadway design; Plan production and analysis.

學習及明白Civil 3D介面；基本操作；創建宗地；測量；地面建立；道路設計；建立平面圖及分析。

	BCDZ	BCEZ
Lecturer 講師	Professionals 專業人士	
Medium of Instruction 授課語言	Cantonese supplemented with English technical terms 廣東話輔以英文技術用語 Only English version of the course materials and computer software is used for teaching in class 本課堂以英文版本的教材及電腦軟件教學 Only English versions of assignments and examination papers will be used for assessment in class. 本課堂採用英文版本習作及考試卷作評核	
Mode of Attendance 授課形式	Part-time day course 日間部份時間制： 09:00-17:30	Part-time evening 夜間部份時間制： 19:00-22:00
Duration 授課期	7.5 hours x 4 sessions 7.5小時 x 4堂	3 hours x 10 sessions 3小時 x 10堂
Award of Certificate 證書頒發	1) Completion certificate - Attended 3.5 days or above, submitted course work and attained the passing requirements and passed the examination. 2) Certificate of attendance - Attended 3.5 days or above. 1) 結業證書 - 出席課程3.5天或以上，提交作業並達到要求及考試合格。 2) 出席證書 - 出席課程3.5天或以上。	1) Completion certificate - Attended 8 sessions or above, submitted course work and attained the passing requirements and passed the examination. 2) Certificate of attendance - Attended 8 sessions or above. 1) 結業證書 - 出席課程8堂或以上，提交作業並達到要求及考試合格。 2) 出席證書 - 出席課程8堂或以上。
Re-Exam 補考	The course offers only one re-exam opportunity. The fee for the re-exam is HK\$100. 課程僅提供一次補考機會，補考費用為港幣\$100元	
Venue 上課地點	HKIC Kowloon Bay Campus, 44 Tai Yip Street, Kowloon Bay, Kowloon 九龍 九龍灣大業街 44 號香港建造學院九龍灣院校	
Admission Requirements 入學條件	Have basic computer literacy skills. Experienced in construction industry is highly preferred. Good command of English is required. 必須具有基本電腦操作知識。擁有建造業經驗人士更佳。需具有良好英語水平。	
Course Fee 課程費用	\$2,410.00	
Enquiry 查詢課程	2100 9000 / 2100 9891	
Application Method 報名方法	BCDZ / BCEZ Please submit your online application through the course website. 請透過課程網站提交網上申請。	

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Course Content 課程內容

Introduction to BIM

- ◆ What is BIM
- ◆ Different between BIM and CAD
- ◆ Civil Engineering Project Requirement
- ◆ What is Civil 3D
- ◆ Civil 3D interface
- ◆ Terms use in Revit

Basic Operation

- ◆ Mouse navigation & selection
- ◆ View cube
- ◆ Toolspace, Prospector, Settings Survey & Toolbox
- ◆ Basic Draw and modify

Create Parcel

- ◆ Create Parcel by object, Automatic Layout
- ◆ Annotating Parcels, create Parcel reports

Survey

- ◆ Import survey data
- ◆ Survey Point & Figure
- ◆ Point & Point Group
- ◆ Anotate points and create reports

Surface for Existing Condition

- ◆ Create Surface from different data
- ◆ Contour data, breakline and survey data import
- ◆ Editing Surface
- ◆ Annotation & Labels
- ◆ Create surface from point cloud
- ◆ Surface Analysis

Roadway design

- ◆ Alignment
- ◆ Profile & Assembly
- ◆ Corridor
- ◆ Corridor Surface
- ◆ Roadway design analysis

Plan Production

- ◆ Plan and Profile drawing
- ◆ Sheet set
- ◆ Design Analysis

Summary Assignment & Examination